

INFORMATION DISCLOSURE CITATION IN AN APPLICATION (PTO-1449)	ATTY. DOCKET NO. 15437-0591	SERIAL NO. 10/769,415
	APPLICANT: Andrew G. Tucker, et al.	
	FILING DATE: January 30, 2004	GROUP: 2183 2431

U.S. PATENT DOCUMENTS					
Exam. Initial*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (If known)		
		2002/0156824	A1	Armstrong et al.	10-24-2002

FOREIGN PATENT DOCUMENTS						
Exam. Initial*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Office ³	Number ⁴	Kind Code ⁵ (If known)		
		EP	1300766	A	Sun Microsystems Inc.	04-09-2003

OTHER ART - NO PATENT LITERATURE DOCUMENTS			
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		EUROPEAN PATENT OFFICE, "European Search Report," application No. 04252689.7, mailing date July 28, 2005, 3 pages.	
		Current Claims, European patent application 04252689.7, 6 pages.	
		SUN MICROSYSTEMS, "Sun Enterprise™ 1000 Server: Dynamic System Domains," White Paper Online, February 26, 2003, retrieved from the internet at < http://www.sun.com/servers/highend/whitepapers/domains.html?facet=-1 >, retrieved on 06/21/2005, XP-002332946, 7 pages.	

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IFW
Attorney Docket No. 15437-0591

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Andrew G. Tucker, et al.

Serial No.: 10/769,415

Filed on: January 30, 2004

) Confirmation No.: 8014

) Examiner: NYA

) Group Art Unit No.: 2183

For: FINE-GRAINED PRIVILEGES IN OPERATING SYSTEM PARTITIONS

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

DISCLOSURE PURSUANT TO 37 CFR §1.56
OF RELATED APPLICATION(S)

Sir:

Applicant(s) would like to bring to the Examiner's attention that the following applications,

U.S. Application/ Pat. No.	File Date	Atty. Docket. No.
10/833,474	4/27/2004	15437-0582
10/767,118	1/28/2004	15437-0583
10/767,117	1/28/2004	15437-0584
10/744,360	12/22/2003	15437-0588
10/767,003	1/28/2004	15437-0593
10/762,067	1/20/2004	15437-0597
10/762,066	1/20/2004	15437-0598
10/767,235	1/28/2004	15437-0599
10/771,827	2/3/2004	15437-0600
10/771,698	2/3/2004	15437-0601
10/768,303	1/29/2004	15437-0602

/Michael Vaughan/

05/11/2009

Referred to as the "related applications", contain subject matter that is related to the subject matter of the present application. The related applications may contain one or more claims that are substantially similar to one or more claims in the present application, and those claims may

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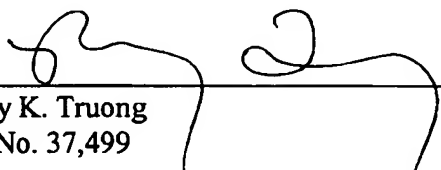
have been rejected in the related applications. Therefore, the Examiner is encouraged to review the file histories of the related applications as some of the information contained therein may be material to the examination of the present application.

Throughout the pendency of this application, please charge any additional fees, including any required extension of time fees, and credit all overpayments to deposit account 50-1302. A duplicate of this sheet is enclosed.

Respectfully submitted,

HICKMAN PALERMO TRUONG & BECKER LLP

Dated: September 28, 2004



Bobby K. Truong
Reg. No. 37,499


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San Jose, California 95125-5106
Telephone: (408) 414-1080 ext. 234
Facsimile: (408) 414-1076

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(Date of Deposit)

Annette Jacobs

(Typed or printed name of person mailing correspondence)


(Signature of person mailing correspondence)

INFORMATION DISCLOSURE CITATION IN AN APPLICATION (PTO-1449)				ATTY. DOCKET NO. 15437-0591	SERIAL NO. 10/769,415
				APPLICANT: Andrew G. Tucker, et al.	
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		Official Action from EPO for foreign patent application no. 04 252 690.5 - 2211 dated 23 November 2005 (5 pgs) – attached.	
		Current Claims in EPO patent application no. 04 252 690.5 - 2211 (9 pgs) – attached.	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number		10/769,415	
		Filing Date		January 30, 2004	
		First Named Inventor		Andrew Tucker	
		Art Unit		2195 2431	
		Examiner Name		An, Meng Ai T Vaughan	
Sheet	2	of	3	Attorney Docket Number	15437-0591

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		"CHMOD – Change the Permission Mode of a File," Internet Citation, December 4, 2000, XP007901399, Retrieved from the internet at http://www.cse.msu.edu/cgi-bin/man2html?chmod?1?usr/man , retrieved in December 4, 2006, 7 pages.	
		"SETFACL – Modify the Access Control List (ACL) for a File or Files," Internet Citation, December 11, 2001, XP007901398, Retrieved from the Internet at http://www.cse.msu.edu/cgi-bin/man2html?setfacl?1?usr/man , retrieved on December 4, 2006, 4 pages.	
		VANCE, ASHLEE, "Solaris 10 to get Zoned," The Register, April 9, 2003, XP007901426, located on the internet at http://www.theregister.co.uk/2003/04/09/solaris , retrieved on December 7, 2006, 2 pages.	
		HALL, BRIAN "BEEJ," "FIFOs," Copyright 1997 by Brian "Beej" Hall, XP007901420, located on the internet at http://www.ecst.csuchico.edu/{beej/guide/ipc/fifos.html , retrieved on 12-07-2006, 6 pages.	
		IBM, "Privilege Control Mechanism, for INIX Systems," IBM Technical Disclosure Bulletin, Vol. 34, No. 7B, December 1991, XP000282651, pp. 477-479.	
		HALL, BRIAN "BEEJ," "Beej's Guide to Network Programming –Using Network Sockets," Copyright 1995-2001 by Brian "Beej" Hall, XP007901423, pp. 1-49.	
		HALL, BRIAN "BEEJ," "Memory Mapped Files," Copyright 1997 by Brian "Beej" Hall, XP007901425, located on the internet at http://www.ecst.csuchico.edu/{beej/guide/ipc/mmap.html , retrieved on 12-07-2006, 4 pages.	
		HALL, BRIAN "BEEJ," "Shared Memory Segments," Copyright 1997 by Brian "Beej" Hall, XP007901424, located on the internet at http://www.ecst.csuchico.edu/{beej/guide/ipc/shmem.html , retrieved on 12-07-2006, 5 pages.	

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Application Number	10/769,415
Filing Date	January 30, 2004
First Named Inventor	Andrew Tucker
Art Unit	2405 2431
Examiner Name	An, Meng Ai Vaughan
Attorney Docket Number	15437-0591

Sheet 3

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		EUROPEAN PATENT OFFICE, "European Search Report," App. No. 04252688.9 (docket 15437-0670), dated December 21, 2006, 4 pages.	
		Current Claims for App. No. 04252688.9 (docket 15437-0670), 6 pages.	

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/Michael Vaughan/

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05/11/2009

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				Application Number	10/769,415
				Filing Date	January 30, 2004
				First Named Inventor	Andrew Tucker
				Art Unit	2195 2431
				Examiner Name	Tang, Kenneth Vaughan
				Attorney Docket Number	15437-0591
Sheet	1	of	1		

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FOREIGN PATENT DOCUMENTS						
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		EP 1253516 A2	10-30-2002	Sun Microsystems Inc.		

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INFORMATION DISCLOSURE CITATION IN AN APPLICATION (PTO-1449)	ATTY. DOCKET NO. 15437-05921	SERIAL NO. 10/769,415
	APPLICANT: Andrew G. Tucker, et al.	
	FILING DATE: January 30, 2004	GROUP: 2183 2431

U.S. PATENT DOCUMENTS						
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Application Number	10/769,415
Filing Date	January 30, 2004
First Named Inventor	Andrew Tucker, et al.
Art Unit	2195 2431
Examiner Name	Meng Ai T. An Vaughan
Attorney Docket Number	15437-0591

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		Office Action from CN for foreign patent application no. 200410063136.3 dated June 1, 2007, with translation of text (4 pgs).	
		Current claims in CN foreign patent application no. 200410063136.3.	

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Complete if Known		Application Number	10/769,415
		Filing Date	January 30, 2004
		First Named Inventor	Andrew Tucker
		Art Unit	2195 2431
		Examiner Name	Tang, Kenneth Vaughan
		Attorney Docket Number	15437-0591
Sheet	1	of	1

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Sheet	1	of	2														

U.S. PATENT DOCUMENTS

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First Named Inventor	Andrew Tucker
Art Unit	2495 2431
Examiner Name	Tang, Kenneth Vaughan
Attorney Docket Number	15437-0591

Sheet

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of

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		HEWLETT-PACKARD, "Installing and Managing HP-UX Virtual Partitions (vPars)", Third Edition, Part Number T1335-90018, Copyright Hewlett-Packard Company, November 2002, pages 1-4, 17-44, 72-75, and 157-161.	
		HOPE, PACO, "Using Jails in FreeBSD for Fun and Profit", ;Login: The Magazine of Usenix and Sage, Volume 27, Number 3, June 2002, 9 pages.	
		KAMP, POUL-HENNING, "Rethinking / dev and devices in the UNIX kernel", BSDCon 2002 Paper, retrieved from website < http://www.usenix.org/events/bsdcon02/full_papers/kamp/kamp_html/index.html > Printed May 1, 2007, 18 pages.	
		THOMPSON, K., "UNIX Implementation", Bell Laboratories, The Bell System Technical Journal, 1978, pages 1-9.	

Examiner
Signature

/Michael Vaughan/

Date
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Customer Ref. No. SUN030221-US-NP

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☐ The Examiner is hereby notified that the present application is related to the following related application(s):

DISCLOSURE OF RELATED APPLICATIONS

U.S. Application/ Pat. No.	File Date	Atty. Docket. No.

The related application(s) may contain subject matter that is related to the subject matter of the present application. The related application(s) may contain one or more claims that may be substantially similar to one or more claims in the present application, and those claims may have been rejected in the related application(s). Therefore, the Examiner is encouraged to review the file history(ies) of the related application(s) as some of the information contained therein may be material to the examination of the present application.

☒ The Examiner is hereby notified that for the following related application(s) an Office Action or other PTO correspondence has been received as indicated below:

DISCLOSURE OF PTO CORRESPONDENCE

U.S. Application/ Pat. No.	File Date	Correspondence Type	Correspondence Mailing Date	Atty. Docket. No.
10/771,698	02/03/2004	Office Action	04/29/2008	15437-0601
10/763,147	01/21/2004	Notice Of Allowance	06/16/2008	15437-0589
10/744,360	12/22/2003	Notice Of Allowance	07/01/2008	15437-0588

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05/11/2009

The related application(s) may contain one or more claims that may be substantially similar to one or more claims in the present application, and those claims may have been rejected in the related application(s). Therefore, the Examiner is encouraged to review the file history(ies) of the related application(s) as some of the information contained therein may be material to the examination of the present application.

TYPE JC10-33
 MAY 21 2004
 PATENT & TRADEMARK OFFICE

SERIAL NO.
10/762,415

FILING DATE:
1/30/2004

GROUP: 2431
~~NIA~~

[illegible][illegible]

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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)	Attorney Docket No.: 15437-0591	Application Number: 10/769,415
	First Named Inventor: Andrew G. Tucker, et al.	
Filing Date: 1/30/2004		



OTHER ART – NO PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation ²
		Communications from the ACM (ISSN: 0001-0782) Volume 44, Issue 2 (2001) entitled "An Operating System Approach to Securing E-Services" by Chris Dalton and Tse Huong Choo, ACM Copyright Notice, © 2001, (8 pgs).	
		Sun Microsystems, Inc. entitled "Server Virtualization with Trusted Solaris™ 8 Operating Environment, by Glenn Faden, Sun BluePrints™ OnLine – February 2002, http://www.sun.com/blueprints , (21 pgs).	
		Network Working Group entitled "IP Version 6 Addressing Architecture", by R. Hinden, Nokia, S. Deering, Cisco System, dtd July 1998, (28 pgs).	
		IBM entitled "Partitioning for the IBM eServer pSeries 690 System, © Copyright IBM Corp. 2001 (12 pgs).	
		IBM System Partitioning on IBM eServer xSeries Servers entitled "Effective Server Consolidation and Resource Management with System Partitioning" by Mark T. Chapman, IBM Server Group, dtd December 2001, (23 pgs).	
		Virtual Private Servers and Security Contexts, dtd 5/10/2004, http://www.solucorp.qc.ca/miscprj/s_content.bc?prjstate=1&nodoc=0 , (2 pgs).	
		SunSoft, a Sun Microsystems, Inc. Business entitled "File System Administration", © 1994 Sun Microsystems, Inc., (62 pgs).	

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INFORMATION DISCLOSURE CITATION IN AN APPLICATION (PTO-1449)				ATTY. DOCKET NO. 15437-0591		SERIAL NO. 10/769,415	
				APPLICANT: Andrew G. Tucker, et al.			
				FILING DATE: January 30, 2004		GROUP: 2183 2431	

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APR 27 2006
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U.S. PATENT DOCUMENTS						
Exam. Initial*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (If known)			
		2002/0161817	A1	Dorofeev et al.	10-31-2002	

FOREIGN PATENT DOCUMENTS								
Exam. Initial*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (If known)				

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/769,415
Filing Date	January 30, 2004
First Named Inventor	Andrew Tucker
Art Unit	2195 2431
Examiner Name	Tang, Kenneth Vaughan
Attorney Docket Number	15437-0591

Sheet 2 of 2

NON PATENT LITERATURE DOCUMENTS

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		MC DOUGALL, RICHARD, et al., "Resource Management", Prentice Hall, 1999, 25 pages.	

Examiner Signature	/Michael Vaughan/	Date Considered	05/11/2009
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INFORMATION DISCLOSURE CITATION IN AN APPLICATION (PTO-1449)	ATTY. DOCKET NO. 15437-0591	SERIAL NO. 10/769,415
	APPLICANT: Andrew G. Tucker, et al.	
	FILING DATE: January 30, 2004	GROUP: NYA 2431

U.S. PATENT DOCUMENTS						
Exam. Initial*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (If known)			

FOREIGN PATENT DOCUMENTS								
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		POUL-HENNING KAMP, et al., "Jails: Confining the omnipotent root", 2 nd Intl System Administration and Networking Conference Proceedings "SANE 2000", May 22-25, 2000, Maastricht, The Netherlands	

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Application Number 10/769,415
Filing Date January 30, 2004
First Named Inventor Andrew G. Tucker
Art Unit ~~2169~~ 2431
Examiner Name ~~NYA~~ Vaughan
Attorney Docket Number 15437-0591

Sheet 1

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		Application Number	10/769,415
		Filing Date	January 30, 2004
		First Named Inventor	Andrew Tucker
		Art Unit	2195 2431
		Examiner Name	Tang, Kenneth Vaughan
		Attorney Docket Number	15437-0591
Sheet	1	of	2

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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (<i># known</i>)				
		EP 389151 A2	09-26-1990	IBM		

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Application Number	10/769,415
Filing Date	January 30, 2004
First Named Inventor	Andrew Tucker
Art Unit	2195 2431
Examiner Name	Tang, Kenneth Vaughan
Attorney Docket Number	15437-0591

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		CZAJKOWSKI, G., "Application isolation in the Java Virtual Machine", 2000, ACM Press, Proceedings of the 15 th ACM SIGPLAN Conference on Object-Oriented Programming, Systems, Languages, and Applications, pp. 354-366.	
		CZAJKOWSKI, G., "Multitasking without compromise: a virtual machine evolution", ACM Press, Proceedings of the 16 th ACM SIGPLAN Conference on Object Oriented Programming, Systems, Languages, and Applications, dated October 2001, pp. 125-138.	
		OSMAN, S., ET AL., "The design and implementation of Zap: a system for migrating computing environments", SIGOPS Operating System, Rev. 36, SI, dated December 2000, pp: 361-376.	
		PRESOTTO ET AL., "Interprocess Communication in the Ninth Edition Unix System", John Wiley & Sons, Ltd., dated March 1990, 4 pages.	
		STEVENS, "Advanced programming in the Unix Environment", Addison-Wesley, 1993, pages 427-436.	
		WATSON, "TrustedBSD - Adding Trusted Operating System Features to FreeBSD", The USENIX Association, 2001, 14 pages.	
		NOORDENDE ET AL., "Secure and Portable Confinement of Untrusted Programs", ACM, 2002, 14 pages.	
		HOPE, "Using Jails in FreeBSD for fun and profit", ;Login: The Magazine of USENIX & SAGE, volume 27, number 3, dated June 2002, pages 48-55.	

Examiner Signature	/Michael Vaughan/	Date Considered	05/11/2009
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Application Number	10/769,415
Filing Date	January 30, 2004
First Named Inventor	Andrew Tucker
Art Unit	2195 2431
Examiner Name	Tang, Kenneth Vaughan
Attorney Docket Number	15437-0591

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		EUROPEAN PATENT OFFICE, "Communication pursuant to Article 94(3) EPC", Foreign application number 04 252 690.5 – 2211, received June 17, 2008, 5 pages.	
		CURRENT CLAIMS, Foreign application number 04 252 690.5 – 2211, 9 pages.	

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Application Number	10/769,415
Filing Date	January 30, 2004
First Named Inventor	Andrew Tucker
Art Unit	2495 2431
Examiner Name	An, Meng Ai T Vaughan
Attorney Docket Number	15437-0591

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		STATE INTELLECTUAL PROPERTY OFFICE OF PRC, "Notification of First Office Action," App. No. 200410063163, dated December 8, 2006, 9 pages.	
		Current Claims, CA App. No. 200410063163, 15 pages.	

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				Application Number	10/769,415
				Filing Date	January 30, 2004
				First Named Inventor	Andrew Tucker
				Art Unit	2195 2431
				Examiner Name	Tang, Kenneth Vaughan
				Attorney Docket Number	15437-0591
Sheet	1	of	1		

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			Examiner Name	Tang, Kenneth Vaughan
			Attorney Docket Number	15437-0591

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Art Unit	2495 2431
Examiner Name	Tang, Kenneth Vaughan
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Sheet 2 of 2

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		EUROPEAN PATENT OFFICE, "Result of Consultation", Application number 04252689.7-1243, dated 08-11-08, 2 pages.	
		CLAIMS, Application number 04252689.7-1243, 5 pages.	

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INFORMATION DISCLOSURE CITATION IN AN APPLICATION (PTO-1449)				ATTY. DOCKET NO. 15437-0591		SERIAL NO. 10/769,415	
				APPLICANT: Andrew G. Tucker, et al.			
				FILING DATE: January 30, 2004		GROUP: 2431 2185	
U.S. PATENT DOCUMENTS							
Exam. Initial*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number	Kind Code ² (If known)				
		5,325,526		Cameron, et al.	6/28/1994		
		5,845,116		Saito, et al.	12/1/1998		
		5,437,032		Wolf, et al.	6/25/1995		

FOREIGN PATENT DOCUMENTS								
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		Office ³	Number ⁴	Kind Code ⁵ (If known)				
		EP	1282038	A2	Tanaka, Katsuyoshi	2/5/2003		
		EP	1043658	A1	Rogier, Pierre	10/11/2000		

OTHER ART - NO PATENT LITERATURE DOCUMENTS			
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		European Search Report from the European Patent Office for Foreign Patent Application No. 04252690.5 (3 pgs.)	
		Claims As Filed in European Patent Application No. 04252690.5 (6 pgs.)	

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